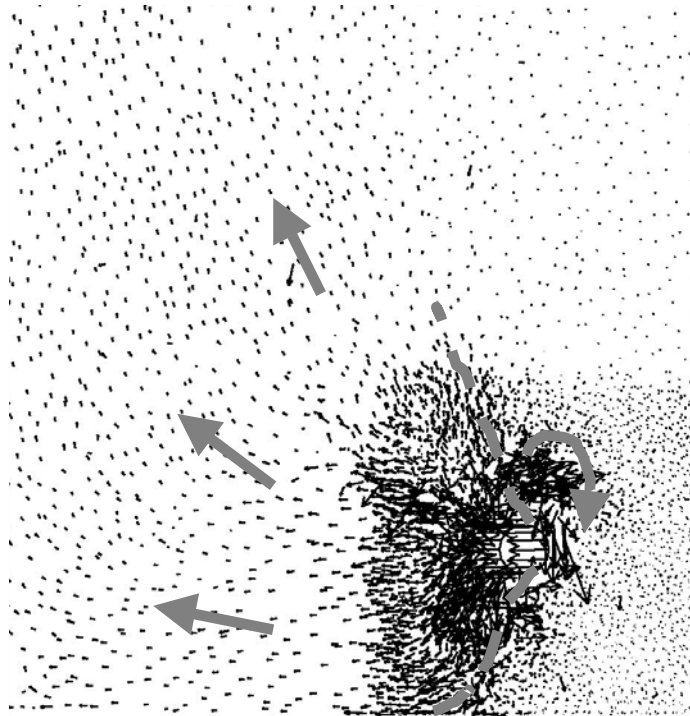
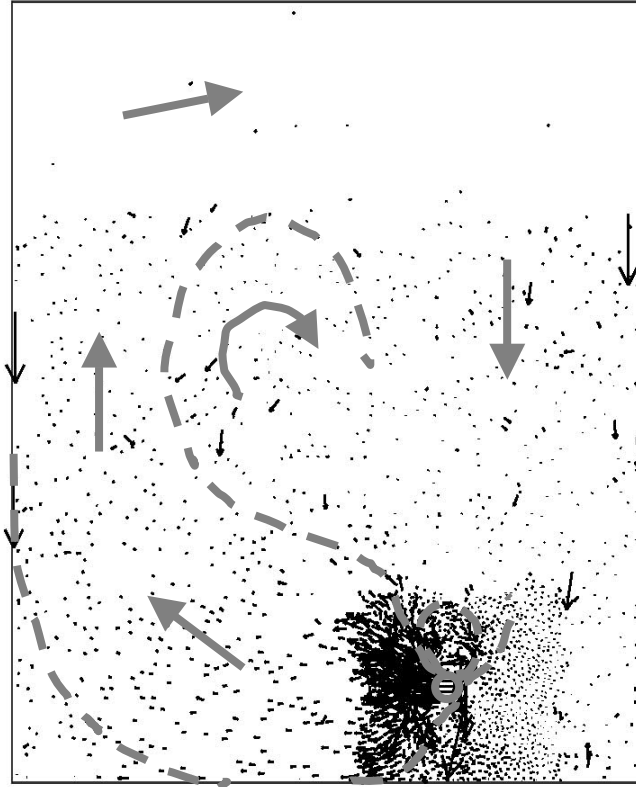


(a) Full-sized scale

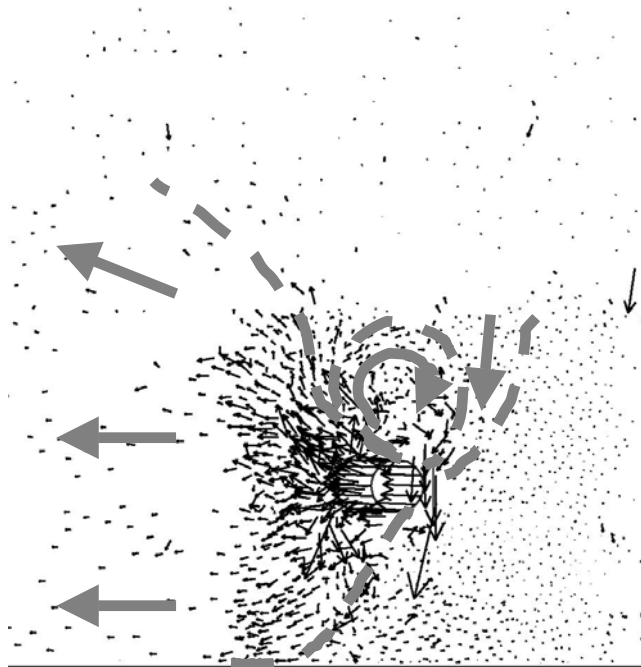


(b) Enlarged scale

Figure C-16 $H/D = 22$, Dense sand, $\tan \phi_\mu = 3.0$

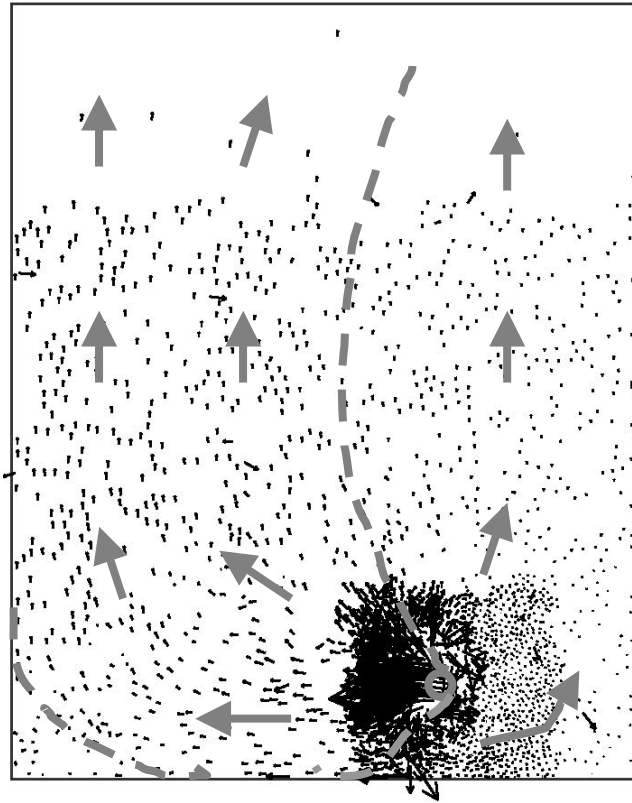


(a) Full-sized scale

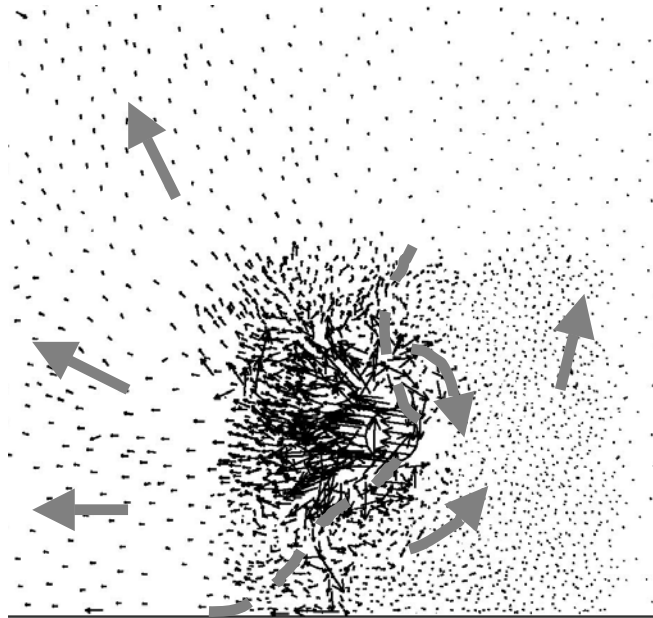


(b) Enlarged scale

Figure C-17 $H/D = 25$, Medium sand, $\tan \phi_\mu = 3.0$

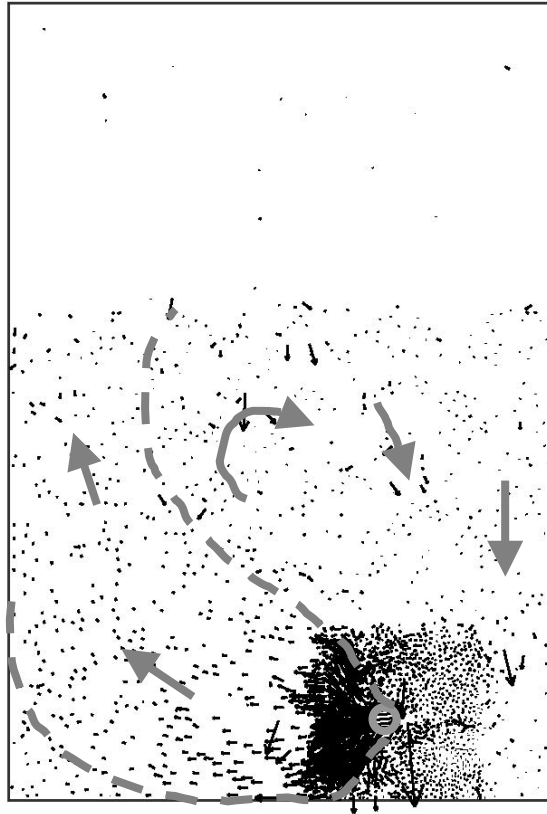


(a) Full-sized scale

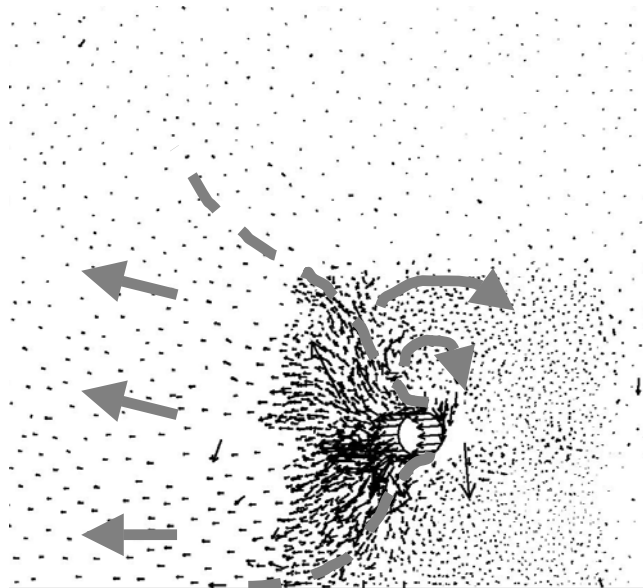


(b) Enlarged scale

Figure C-18 $H/D = 25$, Dense sand, $\tan \phi_\mu = 3.0$

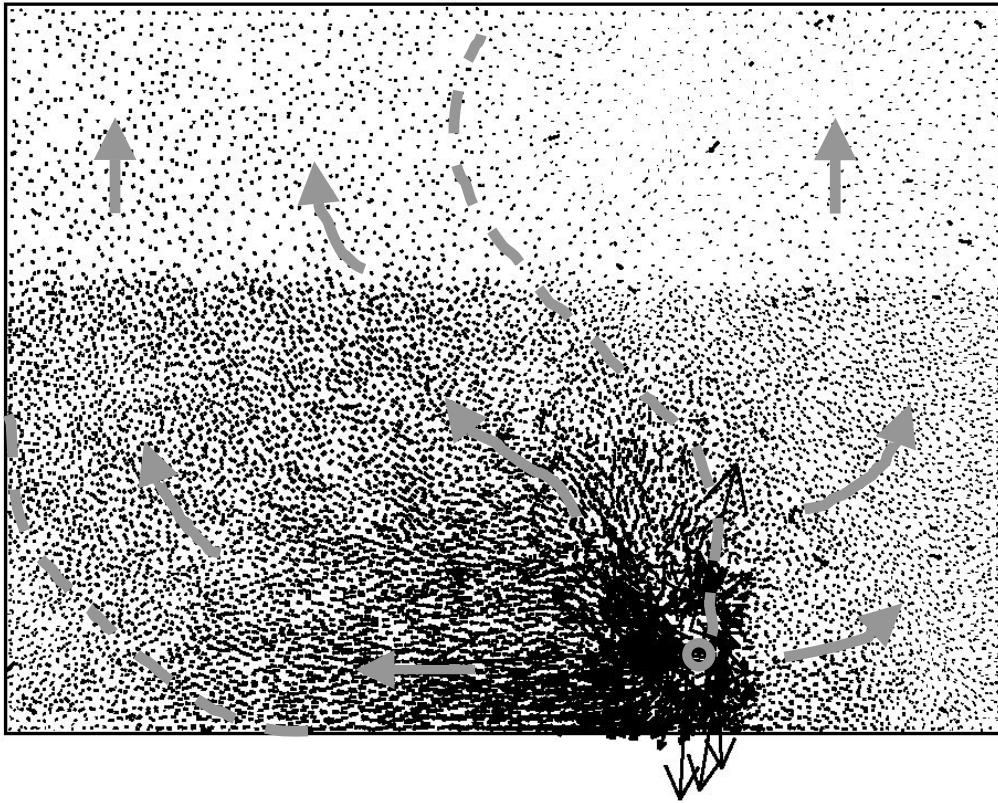


(a) Full-sized scale

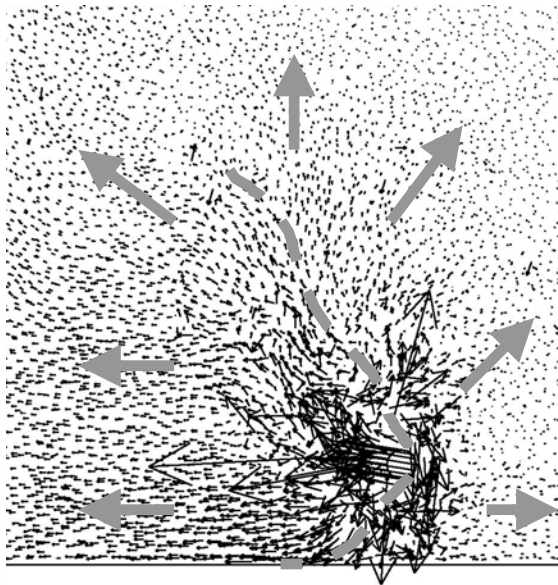


(b) Enlarged scale

Figure C-19 $H/D = 30$, Medium sand, $\tan \phi_\mu = 3.0$

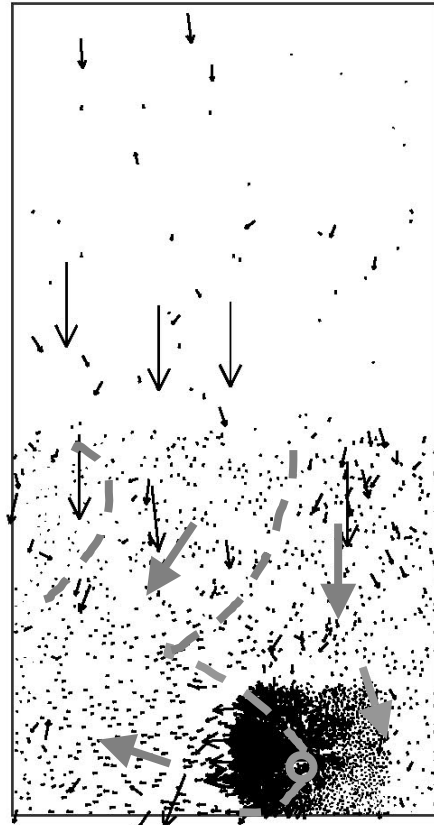


(a) Full-sized scale

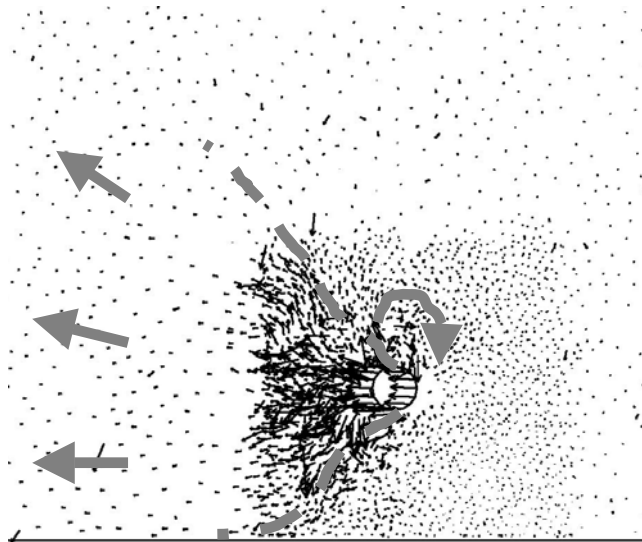


(b) Enlarged scale

Figure C-20 $H/D = 30$, Dense sand, $\tan \phi_\mu = 3.0$

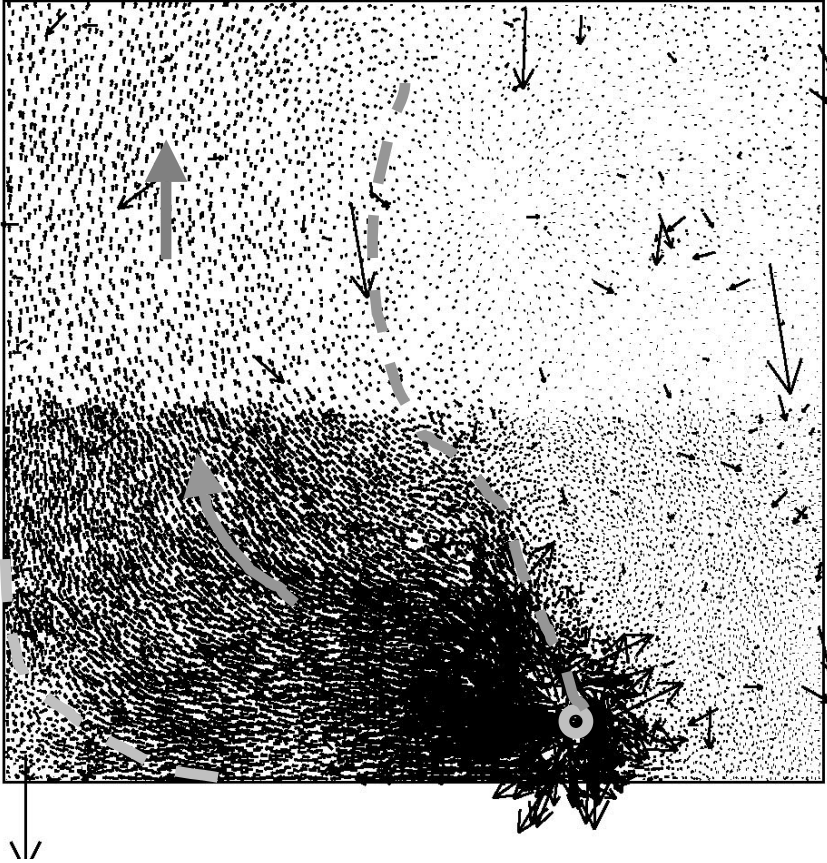


(a) Full-sized scale

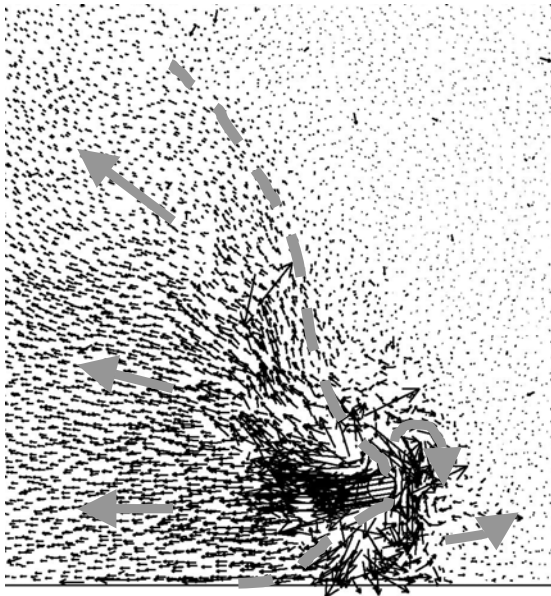


(b) Enlarged scale

Figure C-21 $H/D = 40$, Medium sand, $\tan \phi_\mu = 3.0$

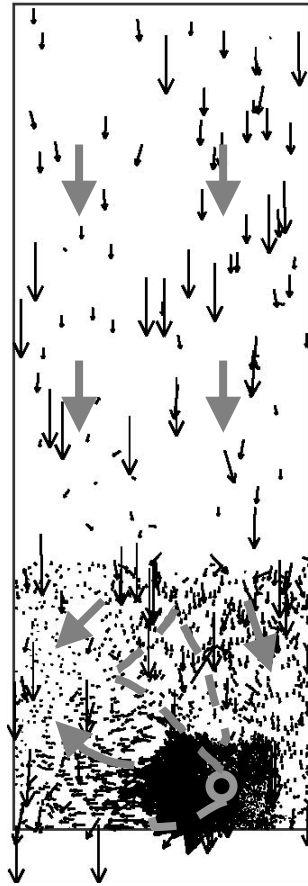


(a) *Full-sized scale*

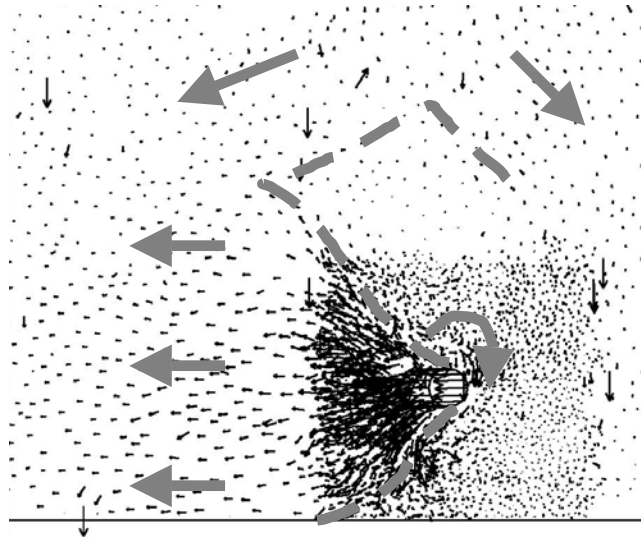


(b) *Enlarged scale*

Figure C-22 $H/D = 40$, Dense sand, $\tan \phi_\mu = 3.0$



(a) Full-sized scale

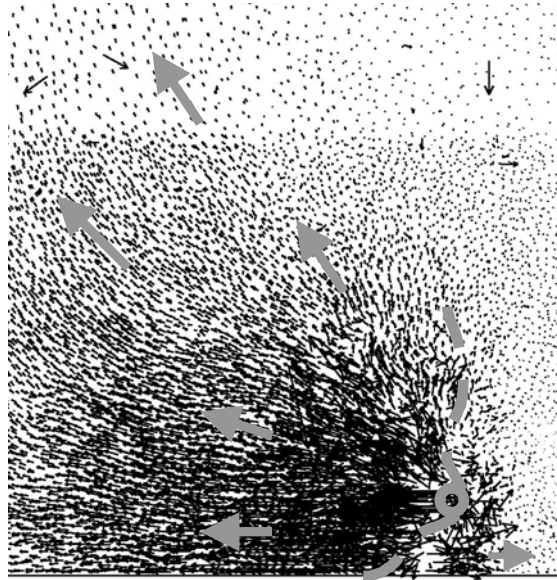


(b) Enlarged scale

Figure C-23 $H/D = 60$, Medium sand, $\tan \phi_\mu = 3.0$



(a) Full-sized scale

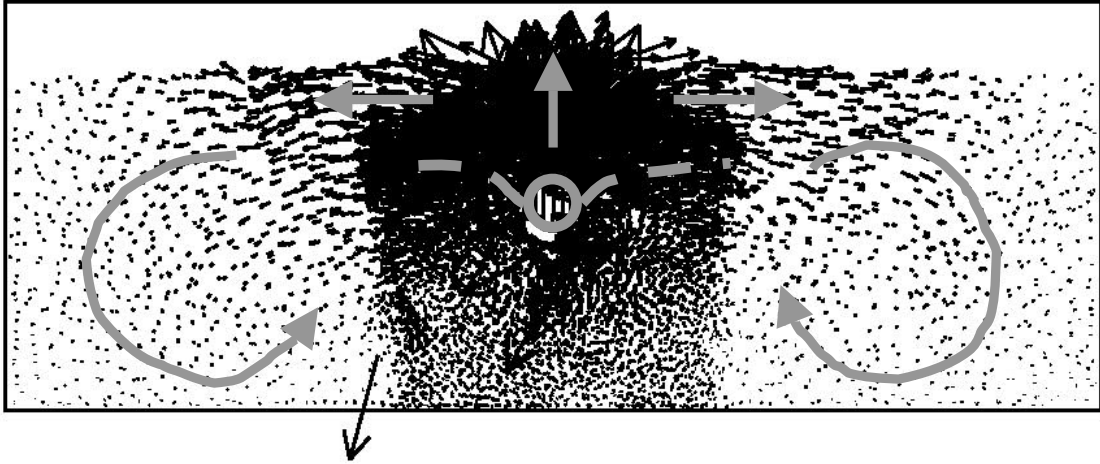


(b) Enlarged scale

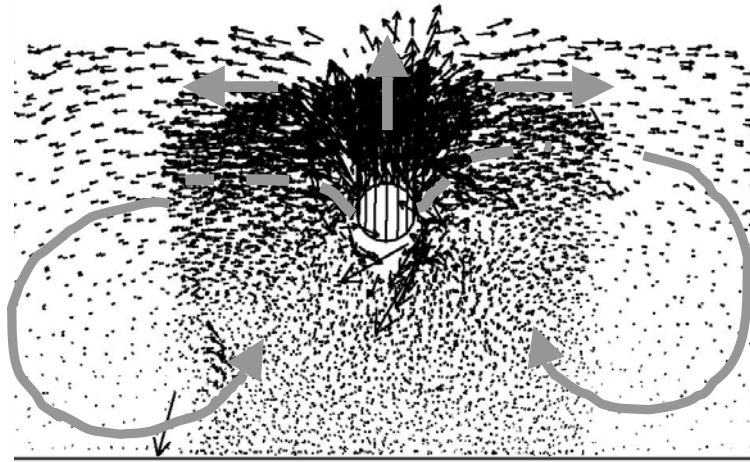
Figure C-24 $H/D = 60$, Dense sand, $\tan \phi_\mu = 3.0$

Appendix D

Displacement Pattern under Upward Loading (Velocity Vector)



(a) Full-sized scale



(b) Enlarged scale

Figure D-1 $H_c/D = 4$, Dense sand, $\tan \phi_\mu = 3.0$